Saskatchewan Agriculture Seed Drill Survey 1985

A seed survey was again undertaken in Saskatchewan in the spring of 1985. Three students were hired to assist in the collection of the samples and to do the analysis. The Seed Testing Laboratory of the Food Production and Inspection Division, Agriculture Inspection Directorate of Agriculture Canada, trained the students to do the analysis and made the Laboratory facilities available to the students to do the analysis. The Laboratory personnel were also available throughout the analysis period to assist the students.

The twelve Agricultural Representative Districts were selected "two each" by the six regions. We wish to thank the regional staff and agricultural representatives involved in this survey.

The districts selected were as follows:

S.W. Region	- District 10	- Maple Creek
	- District 8	- Moose Jaw
S.E. Region	- District 5	- Moosomin
	- District 14	- Regina
W.C. Region	- District 15	- Davidson
	- District 40	- Rosetown
E.C. Region	- District 13	- Melville
	- District 43	- Watrous
N.W. Region	- District 30	- Unity
	- District 38	- Turtleford
N.E. Region	- District 21	- Watson
	- District 25	- Hudson Bay

To get a statistically **reliable** survey, a sample of at least five percent of the farmers was required. The total number of samples used in the survey was 888.

A questionnaire (attached) was completed at each farmer's location and the results were tabulated.

The analysis was done according to the Seed Testing Laboratory standards which are established under the Canada Seeds Act. See the Tables on pages 6 and 7. The form that was used to record the results is also attached.

The samples collected were of grains as follows, with the number of samples in brackets: spring wheat (532), barley (105), durum wheat (156), canola (60), oats (29), flax (6). From the results of 1984, it was decided to use only the samples of the above six grains.

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The overall quality of seed was 52 percent Canada No. 1, 26 percent Canada No. 2 and 21 percent reject.

Several of the pedigreed samples that were downgraded were checked by the plant products inspectors. Of those checked, it was found that samples received from the processor had no impurities. The contamination took place in the truck, bin and handling equipment as the farmers admitted to not cleaning up between batches. It is assumed that a similar situation exists with a number of the other downgraded samples.

Fourteen percent of the seed has been chemically treated.

Seventy-nine percent of the farmers rated their cleaning procedure as good, 18 percent rated the cleaning as fair and three percent felt that it was poor.

The farmers were asked to indicate their first, second and third most troublesome weeds. To get a rating of these weeds, the weed named as the most troublesome by the farmers was given 3 points, the second most troublesome, 2 points and the third, 1 point. The weeds were rated on an accumulated point basis. The points accumulated by each weed are indicated in the weed problem rating.

Agriculture Canada

CERTIFICATE OF ANALYSIS / CERTIFICAT D'ANALYSE

CERTIFICATE NO · N° DU CERTIFICAT

KIND OF SEED · GENRE DE SEMENCE

TEST REQUIRED · ESSAI DEMANDÉ ☐ PURITY PURETÉ ☐ GERMINATION ☐ BOTH LES DEUX

DESIGNATION · DÉSIGNATION

DATE RECEIVED · DATE REÇUE

DATE TESTED · DATE D'ESSAI

NAME AND ADDRESS · NOM ET ADRESSE

QUANTITY · QUANTITÉ

FEE CHARGED · DROIT PRÉLEVÉ

FEE RECEIVED · DROIT PAYÉ

CONSIGNEE AND ADDRESS · EXPÉDITEUR ET ADRESSE

CUSTOM ENT NO DE L'ENT EN DOUANE

HELD · RETENUE

COUNTRY OF ORIGIN·PAYS D'ORIGINE

RELEASED · LIBÉRÉE

	IN·DANS	IN·DANS	IN·DANS	PER·PAR
PROHIBITED NOXIOUS WEED SEEDS GRAINES DE MAUVAISES HERBES NUISIBLES INTERDITES	0	0	0	
PRIMARY NOXIOUS NUISIBLES PRINCIPALES				
TOTAL PRIMARY TOTAL DES PRINCIPALES				
SECONDARY NOXIOUS NUISIBLES SECONDAIRES				
TOTAL SECONDARY TOTAL DES SECONDAIRES				
TOTAL NOXIOUS WEED SEEDS TOTAL DES MAUVAISES HERBES NUISIBLES				

PURE SEED SEMENCE PURE			%
OTHER CROP SEEDS AUTRES GRAINES PLANTES CULTIVÉES			%
WEED SEEDS GRAINES DE MAUVAISES HERBES			%
INERT MATTER MATIERE INERTE			%

	IN·DANS	IN·DANS	PER·PAR
OTHER WEED SEEDS AUTRES MAUVAISES HERBES	0	0	
TOTAL OTHER WEED SEEDS TOTAL D'AUTRES MAUVAISES HERBES			
TOTAL NOXIOUS AND OTHER WEED SEEDS TOTAL DE MAUVAISES HERBES NUISIBLES ET AUTRES			
SWEET CLOVER MÉLILOT			
OTHER CROP SEEDS AUTRES GRAINES PLANTES CULTIVÉES			
TOTAL			

DEHULLED TIMOTHY / MIL DÉCORTIQUÉ %

DISEASE · MALADIE

REMARKS · REMARQUES:

ANALYST · ANALYSTE

GRADE NAME·NOM DE CATÉGORIE

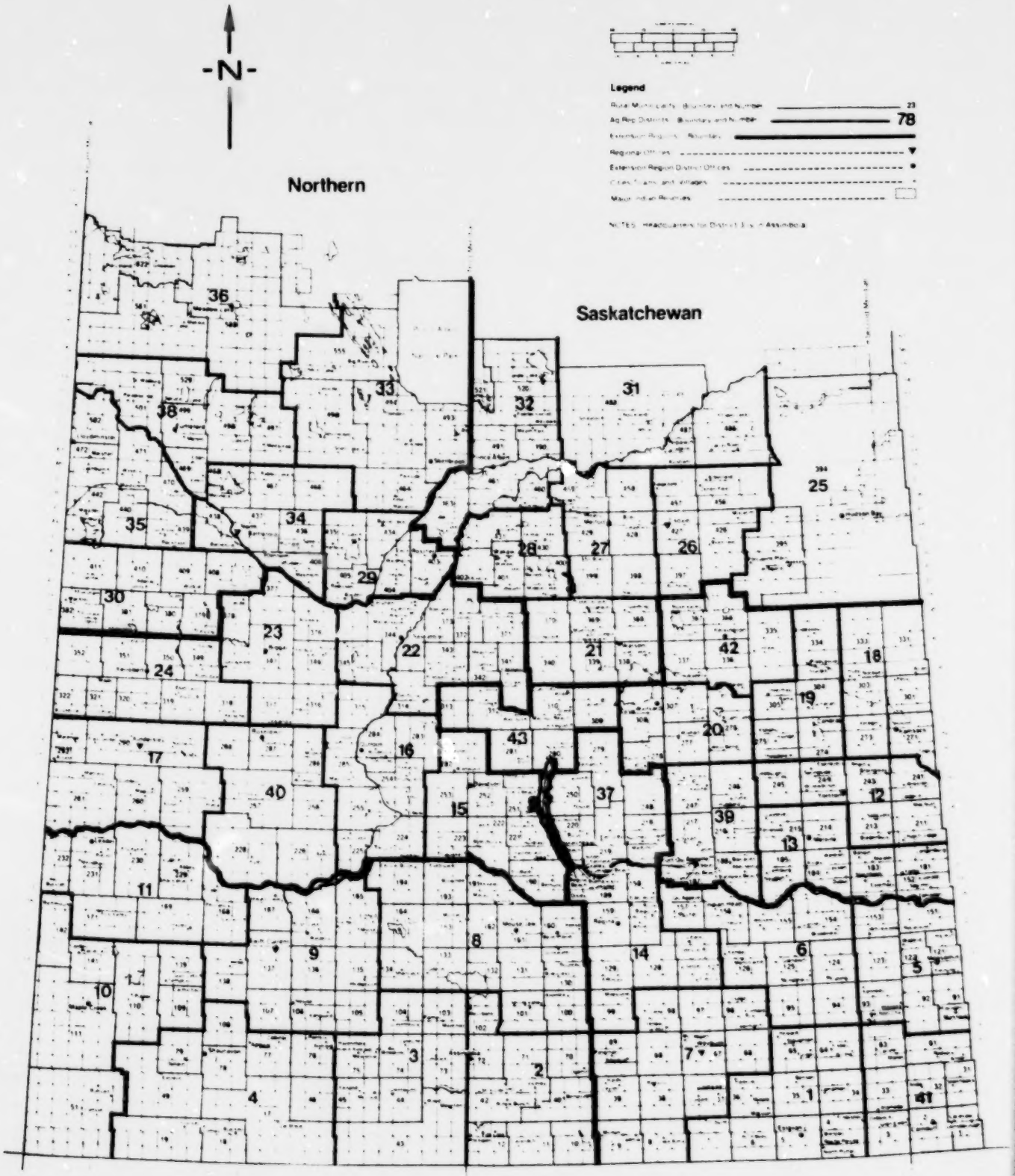
CANADA

REMARKS RE GRADE · REMARQUES CATÉGORIE

INSPECTOR · INSPECTEUR

Saskatchewan
Agriculture

Agricultural Extension Districts



Saskatchewan Agriculture Seed Drill Survey 1985

Sample No. _____

Name _____ Telephone No. _____

Address _____ Postal Code _____

R.M. No. _____ Kind of Grain _____ Variety _____

1. Source of Seed
   - Own Seed _____
   - Other Farmer's _____
   - Seed Grower _____
   - Seed Company _____

2. Class of Seed
   - Non-Pedigreed _____
   - Pedigreed — Cert. or Lot No.
     - Foundation _____
     - Registered _____
     - Certified _____

3. Where Cleaned — Authorized (Name)
   - Self-Cleaned _____ _____
   - Elevator _____
   - Mobile Plant _____
   - Farm Plant _____ _____
   - Commercial Plant _____ _____
   - Co-Op _____ _____
   - Not Cleaned _____

4. Seed Treatment (Product Name)
   - Fungicide _____
   - Insecticide _____
   - Dual _____
   - Not Treated _____

5. How do you rate your present seed cleaning method?
   - Good _____
   - Fair _____
   - Poor _____

6. Do you want a copy of the seed analysis for your farm?
   - Yes _____
   - No _____

7. Where Sampled
   - Drill Box _____
   - Truck _____
   - Bin _____

8. This sample represents _____ total bushels of seed.

9. What are your most troublesome weeds?
   1. _____ 2. _____ 3. _____

10. Comments regarding seed and seed cleaning

_____

_____

SCHEDULE I

(ss. 2, 4, 5, 6, 8, 9, 10, 19, 20, 21, 23, 24, 25, 25.1, 31, 33, 34 and Sch. III)

TABLES OF GRADE STANDARDS

Applicable to

TABLE I

(a) Wheat, common — *Triticum vastivum* L., and
(b) Wheat, durum — *Triticum durum* Desf

I	II	III	IV	V	VI	VII	VIII
	Maximum number of seeds per 500 grams except where otherwise stated						
	Noxious weed seeds			Additional seeds			
Grade Name	Primary	Primary plus secondary	Total weed seeds	Total other crops	of common wheat (*Triticum vestivum*) in durum wheat (*Triticum durum*)	Maximum number of ergot (*Claviceps purpurea*) per kilogram	Minimum percentage germination
1 Canada Foundation No. 1	0	0	3	0.25	0	1	85
2 Canada Foundation No. 2	0	1 per 10 kg	10	1.0	0	8	75
3 Canada Registered No. 1	0	0	3	0.25	0	1	85
4 Canada Registered No. 2	0	1 per 10 kg	10	1.0	0	8	75
5 Canada Certified No. 1	0	0	5	1.0	5	1	85
6 Canada Certified No. 2	0	2 per 5 kg	10	3.0	10	8	75
7 Canada No. 1 seed	0	1	15	10.0	15	1	85
8 Canada No. 2 seed	2	8	50	50.0	25	8	70

Applicable to

TABLE II

(a) Barley — *Hordeum vulgare* L., *H. distichon* L.
(b) Buckwheat, common — *Fagopyrum esculentum* Moench
(c) Buckwheat, Tartarian — *Fagopyrum tataricum* (L.) Gaertn.
(d) Emmer — *Triticum dicoccum* Schrank
(e) Lentil — *Lens culinaris* Medic
(f) Lupine (field) — *Lupinus* spp. (Other than ornamental)
(g) Oat — *Avena sativa* L., *A. nuda* L.
(h) Rye — *Secale cereale* L.
(i) Sainfoin — *Onobrychis viciaefolia* Scop.
(j) Spelt — *Triticum spelta* L.
(k) Triticale — *Triticosecale* spp. (various amphiploids)
(l) Vetch, hairy — *Vicia villosa* Roth
(m) Vetch, Hungarian — *Vicia pannonica* Crantz, and
(n) Vetch, spring or common — *Vicia sativa* L.

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII
	Maximum number of seeds per 500 grams except where otherwise stated							Maximum number of ergot (*Claviceps purpurea*) per kilogram		Maximum per cent True loose smut (*Ustilago nuda*) in Barley	Minimum per cent germination	
	Noxious weed seeds											
		Primary plus secondary										
Grade Name	Primary	Oats	Other Kinds	Additional wild oats in oats	Total weed seeds	False wild oats in oats	Total other crops	In barley and oats	In rye		Rye and Triticale	Other Kinds
1 Canada Foundation No. 1	0	0	0	0	3	10	0.5	1	2	4	75	85
2 Canada Foundation No. 2	0	1 per 10 kg	1 per 10 kg	0	10	10	2.0	8	20	4	65	75
3 Canada Registered No. 1	0	0	0	0	3	10	0.5	1	2	4	75	85
4 Canada Registered No. 2	0	1 per 10 kg	1 per 10 kg	0	10	10	2.0	8	20	4	65	75
5 Canada Certified No. 1	0	2 per 5 kg	2 per 5 kg	0	5	10	3.0	2	6	8	75	85
6 Canada Certified No. 2	0	6 per 5 kg	3 per 5 kg	0	10	10	10.0	6	30	8	65	75
7 Canada No. 1 seed	0	1	1	1	15	10	100.0	2	—	—	75	85
8 Canada No. 2 seed	2	3	3	6	50	10	150.0	6	—	—	65	75

TABLE IV

Applicable to:

(*a*)	Canarygrass	— *Phalaris canariensis* L.
(*b*)	Flax, oil and fibre	— *Linum usitatissimum* L.
(*c*)	Sorghum	— *Sorghum bicolor* (L.) Moench (= *S. vulgare* Pers.) and *S. almum* Parodi
(*d*)	Sudan grass	— *Sorghum sudanense* (Piper) Stapf, and
(*e*)	Sorghum Sudan grass hybrids	

I	II	III	IV	V	VI	VII	VIII
	Maximum number of seeds per 25 grams					Minimum percentage germination	
	Noxious weed seeds			Seeds of other crops			
Grade Name	Primary	Primary plus secondary	Total weed seeds	In sorghum, Sudan grass and canary-grass	In other kinds	Flax	Other kinds
1. Canada Foundation No. 1	0	0.0	3	0.5	0.5	85	85
2. Canada Foundation No. 2	0	0.5	5	1.0	1.0	75	70
3. Canada Registered No. 1	0	0.0	3	0.5	0.5	85	85
4. Canada Registered No. 2	0	0.5	5	1.0	1.0	75	70
5. Canada Certified No. 1	0	0.5	5	1.0	1.0	85	85
6. Canada Certified No. 2	0	2.0	10	2.0	2.0	75	70
7. Canada No. 1 seed	0	2.0	10	25.0	2.0	85	85
8. Canada No. 2 seed	1	10.0	50	50.0	8.0	70	70

TABLE VI

Applicable to:

(*a*)	Oilseed rape	— *Brassica napus* L., *B. campestris* L.
(*b*)	Mustard, white	— *Sinapis alba* L. (= *B. hirta* Moench)
(*c*)	Mustard, black	— *Brassica nigra* (L.) Koch, and
(*d*)	Mustard, oriental, Indian	— *Brassica juncea* (L.) Czern.

I	II	III	IV	V	VI
	Maximum number of seeds per 25 grams except where otherwise stated				
	Noxious weed seeds				
Grade Name	Primary	Primary plus secondary	Total weed seeds	Seeds of other crops	Minimum percentage germination
1. Canada Foundation No. 1	0	0	5	0.5	90
2. Canada Foundation No. 2	0	0	10	1.0	75
3. Canada Registered No. 1	0	0	5	0.5	90
4. Canada Registered No. 2	0	0	10	1.0	75
5. Canada Certified No. 1	0	1	10	1.0	90
6. Canada Certified No. 2	0	2	20	2.0	80
7. Canada No. 1 seed	0	2	20	2.0	90
8. Canada No. 2 seed	2	5	30	8.0	70

CLEAN SEED SURVEY (85)
SASKATCHEWAN SEED SURVEY
PROVNCIAL SUMMARY

NUMBER OF SAMPLES BY GRAIN

GRAIN	BARLEY	CANOLA	DURUM	FLAX	OATS	WHEAT	TOTAL
	105	60	156	6	29	532	888

ANALYSIS BY SOURCE

SOURCE	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
SEED GROWER	93	10%	86	92%	5	5%	2	2%	27282	5%
OTHER FARMER	70	8%	38	54%	14	20%	18	26%	23574	4%
OWN SEED	694	78%	313	45%	215	31%	166	24%	506312	90%
COMMERCIAL	31	3%	29	94%	1	3%	1	3%	4530	1%
TOTAL	888		466	52%	235	26%	187	21%	561698	

SEE PARAGRAPH 2 PAGE 2

ANALYSIS BY CLASS

CLASS	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
CERTIFIED	120	14%	113	94%	5	4%	2	2%	40899	7%
FOUNDATION (SEE NOTE)	5	1%	4	80%	1	20%	0	0%	468	0%
REGISTERED	10	1%	10	100%	0	0%	0	0%	7973	1%
NON-PEDIGREED	753	85%	339	45%	229	30%	185	25%	512358	91%
TOTAL	888		466	52%	235	26%	187	21%	561698	

(NOTE) SAMPLE OF CANOLA WAS DOWNGRADED DUE TO THE PRESENCE OF ONE CLEAVERS SEED IN THE SAMPLE

ANALYSIS BY WHERE CLEANED

WHERE CLEANED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
ELEVATOR	364	41%	96	26%	138	38%	130	36%	211648	38%
MOBILE PLANT	89	10%	45	51%	32	36%	12	13%	82465	15%
NOT CLEANED	11	1%	0	0%	0	0%	11	100%	2291	0%
SELF CLEANED	60	7%	37	62%	14	23%	9	15%	58820	10%
FARM PLANT	90	10%	65	72%	17	19%	8	9%	69950	12%
COMMERCIAL PLANT	248	28%	205	83%	30	12%	13	5%	121959	22%
COOPERATIVE	26	3%	18	69%	4	15%	4	15%	14565	3%
TOTAL	888		466	52%	235	26%	187	21%	561698	

ANALYSIS BY TYPE OF PLANT

TYPE OF PLANT	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
AUTHORIZED	226	25%	195	86%	19	8%	12	5%	111176	20%
UNATHORIZED	662	75%	271	41%	216	33%	175	26%	450522	80%
TOTAL	888		466	52%	235	26%	187	21%	561698	

ANALYSIS BY WHERE SAMPLED

WHERE SAMPLED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
BIN	143	16%	63	44%	47	33%	33	23%	104629	19%
DRILL	590	66%	333	56%	139	24%	118	20%	370877	66%
TRUCK	155	17%	70	45%	49	32%	36	23%	86192	15%
TOTAL	888		466	52%	235	26%	187	21%	561698	

SEED TREATMENT

TREATMENT	DUAL PURPO	%	FUNGICIDE	%	INSECTICID	%	NOT TREATE	%
	108	12%	21	2%	2	0%	757	85%

CLEANING FACILITY RATING BY FARMER

RATING	GOOD	%	FAIR	%	POOR	%
	677	79%	154	18%	23	3%

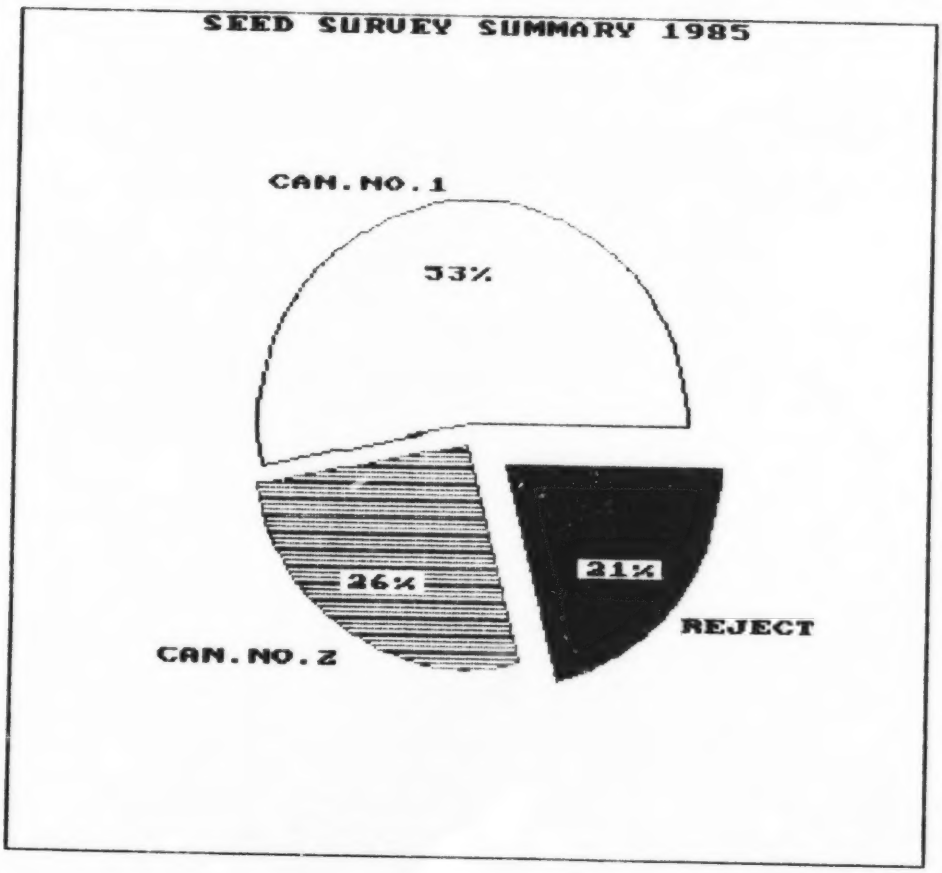
ANALYSIS BY AG. REP. DISTRICT

DISTRICT	NO. OF SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS TO BE SEEDED	%
E MOOSOMIN	73	8%	41	56%	19	26%	13	18%	49371	9%
14 REGINA	90	10%	40	44%	29	32%	21	23%	85881	15%
6 MOOSE JAW	125	14%	68	54%	40	32%	17	14%	98763	18%
10 MAPLE CREEK	59	7%	20	34%	17	29%	22	37%	27086	5%
13 MELVILLE	105	12%	48	46%	29	28%	28	27%	43166	8%
43 WATROUS	53	6%	31	58%	14	26%	8	15%	36501	6%
15 DAVIDSON	73	8%	27	37%	24	33%	22	30%	41938	7%
40 ROSETOWN	75	8%	49	65%	19	25%	7	9%	62517	11%
21 WATSON	70	8%	39	56%	20	29%	11	16%	35980	6%
25 HUDSON BAY	35	4%	16	46%	8	23%	11	31%	7346	1%
30 UNITY	71	8%	46	65%	9	13%	16	23%	54958	10%
38 TURTLEFORD	59	7%	41	69%	7	12%	11	19%	18191	3%
TOTAL	888		466	52%	235	26%	187	21%	561698	

WEED PROBLEM RATING

NAME	RATING
WILD OATS	1590
GREEN FOXTAIL	1050
WILD BUCKWHEAT	237
COW COCKLE	232
CANADA THISTLE	179
STINKWEED	173
FLIXWEED	152
RUSSIAN THISTLE	68
WILD MUSTARD	63
HEMP-NETTLE	59
QUACK GRASS	46
PIGWEED	42
KOCHIA	37
PERSIAN DARNEL	18

NAME	RATING
SOW-THISTLE	17
CORN SPURRY	14
CHICKWEED	9
FIELD BINDWEED	8
DOWNY BROME	7
SHEPHERD'S-PURSE	7
COMMON GROUNDSEL	5
HAWK'S-BEARD	3
CLEAVERS	2
DANDELION	2
BARNYARD GRASS	1
LADY'S THUMB	1
NIGHT FLOWERING CATCHFLY	1



CLEAN SEED SURVEY (85)
AGRICULTURAL REPRESENTATIVE DISTRICT NO.(5)
MOOSOMIN (DIST.5)

NUMBER OF SAMPLES BY GRAIN

GRAIN	BARLEY	CANOLA	DURUM	FLAX	OATS	WHEAT	TOTAL
	6	4	1	0	8	54	73

ANALYSIS BY SOURCE

SOURCE	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
SEED GROWER	11	15%	9	82%	2	18%	0	0%	6926	14%
OTHER FARMER	5	7%	3	60%	0	0%	2	40%	731	1%
OWN SEED	55	75%	27	49%	17	31%	11	20%	41658	84%
COMMERCIAL	2	3%	2	100%	0	0%	0	0%	56	0%
TOTAL	73		41	56%	19	26%	13	18%	49371	

ANALYSIS BY CLASS

CLASS	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
CERTIFIED	15	21%	13	87%	2	13%	0	0%	14803	30%
FOUNDATION	0	0%	0	0%	0	0%	0	0%	0	0%
REGISTERED	2	3%	2	100%	0	0%	0	0%	701	1%
NON-PEDIGREED	56	77%	26	46%	17	30%	13	23%	33867	69%
TOTAL	73		41	56%	19	26%	13	18%	49371	

ANALYSIS BY WHERE CLEANED

WHERE CLEANED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
ELEVATOR	30	41%	9	30%	12	40%	9	30%	16247	33%
MOBILE PLANT	2	3%	1	50%	1	50%	0	0%	1100	2%
NOT CLEANED	1	1%	0	0%	0	0%	1	100%	300	1%
SELF CLEANED	13	18%	10	77%	1	8%	2	15%	17102	35%
FARM PLANT	12	16%	9	75%	2	17%	1	8%	9578	19%
COMMERCIAL PLANT	15	21%	12	80%	3	20%	0	0%	5044	10%
COOPERATIVE	0	0%	0	0%	0	0%	0	0%	0	0%
TOTAL	73		41	56%	19	26%	13	18%	49371	

ANALYSIS BY TYPE OF PLANT

TYPE OF PLANT	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
AUTHORIZED	19	26%	17	89%	2	11%	0	0%	16204	33%
UNATHORIZED	54	74%	24	44%	17	31%	13	24%	33167	67%
TOTAL	73		41	56%	19	26%	13	18%	49371	

ANALYSIS BY WHERE SAMPLED

WHERE SAMPLED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
BIN	12	16%	9	75%	2	17%	1	8%	17648	36%
DRILL	48	66%	23	48%	15	31%	10	21%	23580	48%
TRUCK	13	18%	9	69%	2	15%	2	15%	8143	16%
TOTAL	73		41	56%	19	26%	13	18%	49371	

SEED TREATMENT

TREATMENT	DUAL PURPOSE	%	FUNGICIDE	%	INSECTICIDE	%	NOT TREATED	%
	6	8%	0	0%	0	0%	67	92%

CLEANING FACILITY RATING BY FARMERS

RATING	GOOD	%	FAIR	%	POOR	%
	47	64%	23	32%	3	4%

WEED PROBLEM RATING

NAME	RATING
GREEN FOXTAIL	166
WILD OATS	160
WILD BUCKWHEAT	28
CANADA THISTLE	13
WILD MUSTARD	10
FLIXWEED	9
RUSSIAN THISTLE	8
PIGWEED	4
QUACK GRASS	2
SOW-THISTLE	2
STINKWEED	2
COW COCKLE	1

CLEAN SEED SURVEY (85)
AGRICULTURAL REPRESENTATIVE DISTRICT NO.(14)
REGINA (DIST.14)

NUMBER OF SAMPLES BY GRAIN

GRAIN	BARLEY	CANOLA	DURUM	FLAX	OATS	WHEAT	TOTAL
	8	0	21	1	2	58	90

ANALYSIS BY SOURCE

SOURCE	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
SEED GROWER	6	7%	6	100%	0	0%	0	0%	1343	2%
OTHER FARMER	7	8%	3	43%	3	43%	1	14%	2280	3%
OWN SEED	76	84%	30	39%	26	34%	20	26%	82028	96%
COMMERCIAL	1	1%	1	100%	0	0%	0	0%	230	0%
TOTAL	90		40	44%	29	32%	21	23%	85881	

ANALYSIS BY CLASS

CLASS	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
CERTIFIED	7	8%	7	100%	0	0%	0	0%	2573	3%
FOUNDATION	1	1%	1	100%	0	0%	0	0%	100	0%
REGISTERED	1	1%	1	100%	0	0%	0	0%	1500	2%
NON-PEDIGREED	81	90%	31	38%	29	36%	21	26%	81708	95%
TOTAL	90		40	44%	29	32%	21	23%	85881	

ANALYSIS BY WHERE CLEANED

WHERE CLEANED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
ELEVATOR	36	40%	6	17%	14	39%	16	44%	30408	35%
MOBILE PLANT	5	6%	3	60%	1	20%	1	20%	9400	11%
NOT CLEANED	0	0%	0	0%	0	0%	0	0%	0	0%
SELF CLEANED	3	3%	1	33%	1	33%	1	33%	800	1%
FARM PLANT	16	18%	10	63%	6	38%	0	0%	16650	19%
COMMERCIAL PLANT	30	33%	20	67%	7	23%	3	10%	28623	33%
COOPERATIVE	0	0%	0	0%	0	0%	0	0%	0	0%
TOTAL	90		40	44%	29	32%	21	23%	85881	

ANALYSIS BY TYPE OF PLANT

TYPE OF PLANT	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
AUTHORIZED	16	18%	12	75%	2	13%	2	13%	12077	14%
UNATHORIZED	74	82%	28	38%	27	36%	19	26%	73808	86%
TOTAL	90		40	44%	29	32%	21	23%	85881	

ANALYSIS BY WHERE SAMPLED

WHERE SAMPLED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
BIN	27	30%	7	26%	13	48%	7	26%	35000	41%
DRILL	48	53%	24	50%	14	29%	10	21%	36743	43%
TRUCK	15	17%	9	60%	2	13%	4	27%	14138	16%
TOTAL	90		40	44%	29	32%	21	23%	85881	

SEED TREATMENT

TREATMENT	DUAL PURPOSE	%	FUNGICIDE	%	INSECTICIDE	%	NOT TREATED	%
	8	9%	0	0%	0	0%	82	91%

CLEANING FACILITY RATING BY FARMERS

RATING	GOOD	%	FAIR	%	POOR	%
	71	79%	18	20%	1	1%

WEED PROBLEM RATING

NAME	RATING
WILD OATS	154
GREEN FOXTAIL	81
CANADA THISTLE	61
COW COCKLE	31
WILD BUCKWHEAT	17
RUSSIAN THISTLE	10
WILD MUSTARD	10
KOCHIA	5
FLIXWEED	4
STINKWEED	4
FIELD BINDWEED	2
PIGWEED	2
PERSIAN DARNEL	1

CLEAN SEED SURVEY (85)
AGRICULTURAL REPRESENTATIVE DISTRICT NO.(8)
MOOSE JAW (DIST.8)

NUMBER OF SAMPLES BY GRAIN

GRAIN	BARLEY	CANOLA	DURUM	FLAX	OATS	WHEAT	TOTAL
	6	0	49	0	2	68	125

ANALYSIS BY SOURCE

SOURCE	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
SEED GROWER	7	6%	7	100%	0	0%	0	0%	2351	2%
OTHER FARMER	7	6%	5	71%	1	14%	1	14%	2450	2%
OWN SEED	107	86%	53	50%	39	36%	15	14%	92952	94%
COMMERCIAL	4	3%	3	75%	0	0%	1	25%	1010	1%
TOTAL	125		68	54%	40	32%	17	14%	98763	

ANALYSIS BY CLASS

CLASS	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
CERTIFIED	7	6%	7	100%	0	0%	0	0%	2711	3%
FOUNDATION	1	1%	1	100%	0	0%	0	0%	0	0%
REGISTERED	4	3%	4	100%	0	0%	0	0%	5100	5%
NON-PEDIGREED	113	90%	56	50%	40	35%	17	15%	90952	92%
TOTAL	125		68	54%	40	32%	17	14%	98763	

ANALYSIS BY WHERE CLEANED

WHERE CLEANED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
ELEVATOR	63	50%	22	35%	27	43%	14	22%	36159	37%
MOBILE PLANT	25	20%	17	68%	7	28%	1	4%	22675	23%
NOT CLEANED	1	1%	0	0%	0	0%	1	100%	160	0%
SELF CLEANED	7	6%	4	57%	2	29%	1	14%	13750	14%
FARM PLANT	13	10%	10	77%	3	23%	0	0%	15351	16%
COMMERCIAL PLANT	16	13%	15	94%	1	6%	0	0%	10668	11%
COOPERATIVE	0	0%	0	0%	0	0%	0	0%	0	0%
TOTAL	125		68	54%	40	32%	17	14%	98763	

ANALYSIS BY TYPE OF PLANT

TYPE OF PLANT	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
AUTHORIZED	12	10%	12	100%	0	0%	0	0%	9511	10%
UNATHORIZED	113	90%	56	50%	40	35%	17	15%	89252	90%
TOTAL	125		68	54%	40	32%	17	14%	98763	

ANALYSIS BY WHERE SAMPLED

WHERE SAMPLED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
BIN	14	11%	7	50%	5	36%	2	14%	10741	11%
DRILL	90	72%	50	56%	25	28%	15	17%	76547	78%
TRUCK	21	17%	11	52%	10	48%	0	0%	11475	12%
TOTAL	125		68	54%	40	32%	17	14%	98763	

SEED TREATMENT

TREATMENT	DUAL PURPOSE	%	FUNGICIDE	%	INSECTICIDE	%	NOT TREATED	%
	7	6%	1	1%	0	0%	117	94%

CLEANING FACILITY RATING BY FARMERS

RATING	GOOD	%	FAIR	%	POOR	%
	94	78%	23	19%	4	3%

WEED PROBLEM RATING

NAME	RATING
WILD OATS	242
GREEN FOXTAIL	170
FLIXWEED	61
COW COCKLE	39
WILD BUCKWHEAT	37
STINKWEED	29
KOCHIA	22
RUSSIAN THISTLE	20
WILD MUSTARD	12
CANADA THISTLE	10
FIELD BINDWEED	3
COMMON GROUNDSEL	2
PIGWEED	2
CHICKWEED	1

CLEAN SEED SURVEY (85)
AGRICULTURAL REPRESENTATIVE DISTRICT NO.(10)
MAPLE CREEK (DIST.10)

NUMBER OF SAMPLES BY GRAIN

GRAIN	BARLEY	CANOLA	DURUM	FLAX	OATS	WHEAT	TOTAL
	2	0	22	0	5	30	59

ANALYSIS BY SOURCE

SOURCE	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
SEED GROWER	0	0%	0	0%	0	0%	0	0%	0	0%
OTHER FARMER	6	10%	0	0%	3	50%	3	50%	1300	5%
OWN SEED	52	88%	19	37%	14	27%	19	37%	25036	92%
COMMERCIAL	1	2%	1	100%	0	0%	0	0%	750	3%
TOTAL	59		20	34%	17	29%	22	37%	27086	

ANALYSIS BY CLASS

CLASS	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
CERTIFIED	1	2%	1	100%	0	0%	0	0%	750	3%
FOUNDATION	0	0%	0	0%	0	0%	0	0%	0	0%
REGISTERED	0	0%	0	0%	0	0%	0	0%	0	0%
NON-PEDIGREED	58	98%	19	33%	17	29%	22	38%	26336	97%
TOTAL	59		20	34%	17	29%	22	37%	27086	

ANALYSIS BY WHERE CLEANED

WHERE CLEANED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
ELEVATOR	30	51%	9	30%	9	30%	12	40%	12382	46%
MOBILE PLANT	8	14%	4	50%	2	25%	2	25%	5600	21%
NOT CLEANED	2	3%	0	0%	0	0%	2	100%	400	1%
SELF CLEANED	3	5%	1	33%	2	67%	0	0%	2750	10%
FARM PLANT	6	10%	1	17%	1	17%	4	67%	1624	6%
COMMERCIAL PLANT	10	17%	5	50%	3	30%	2	20%	4330	16%
COOPERATIVE	0	0%	0	0%	0	0%	0	0%	0	0%
TOTAL	59		20	34%	17	29%	22	37%	27086	

ANALYSIS BY TYPE OF PLANT

TYPE OF PLANT	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
AUTHORIZED	2	3%	2	100%	0	0%	0	0%	1530	6%
UNATHORIZED	57	97%	18	32%	17	30%	22	39%	25556	94%
TOTAL	59		20	34%	17	29%	22	37%	27086	

ANALYSIS BY WHERE SAMPLED

WHERE SAMPLED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
BIN	20	34%	10	50%	5	25%	5	25%	10750	40%
DRILL	28	47%	8	29%	9	32%	11	39%	12160	45%
TRUCK	11	19%	2	18%	3	27%	6	55%	4146	15%
TOTAL	59		20	34%	17	29%	22	37%	27086	

SEED TREATMENT

TREATMENT	DUAL PURPOSE	%	FUNGICIDE	%	INSECTICIDE	%	NOT TREATED	%
	7	12%	0	0%	0	0%	52	88%

CLEANING FACILITY RATING BY FARMERS

RATING	GOOD	%	FAIR	%	POOR	%
	47	80%	10	17%	2	3%

WEED PROBLEM RATING

NAME	RATING
WILD OATS	103
COW COCKLE	65
GREEN FOXTAIL	48
WILD BUCKWHEAT	31
FLIXWEED	30
RUSSIAN THISTLE	17
CANADA THISTLE	8
DOWNY BROME	7
KOCHIA	5
PERSIAN DARNEL	2
STINKWEED	2
WILD MUSTARD	2

CLEAN SEED SURVEY (85)
AGRICULTURAL REPRESENTATIVE DISTRICT NO.(13)
MELVILLE (DIST.13)

NUMBER OF SAMPLES BY GRAIN

GRAIN	BARLEY	CANOLA	DURUM	FLAX	OATS	WHEAT	TOTAL
	12	7	2	0	5	79	105

ANALYSIS BY SOURCE

SOURCE	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
SEED GROWER	20	19%	19	95%	0	0%	1	5%	5258	12%
OTHER FARMER	8	8%	3	38%	2	25%	3	38%	2750	6%
OWN SEED	77	73%	26	34%	27	35%	24	31%	35158	81%
COMMERCIAL	0	0%	0	0%	0	0%	0	0%	0	0%
TOTAL	105		48	46%	29	28%	28	27%	43166	

ANALYSIS BY CLASS

CLASS	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
CERTIFIED	18	17%	17	94%	0	0%	1	6%	4608	11%
FOUNDATION	0	0%	0	0%	0	0%	0	0%	0	0%
REGISTERED	2	2%	2	100%	0	0%	0	0%	560	1%
NON-PEDIGREED	85	81%	29	34%	29	34%	27	32%	37998	88%
TOTAL	105		48	46%	29	28%	28	27%	43166	

ANALYSIS BY WHERE CLEANED

WHERE CLEANED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
ELEVATOR	48	46%	6	13%	19	40%	23	48%	22370	52%
MOBILE PLANT	4	4%	2	50%	2	50%	0	0%	4200	10%
NOT CLEANED	1	1%	0	0%	0	0%	1	100%	50	0%
SELF CLEANED	5	5%	4	80%	0	0%	1	20%	713	2%
FARM PLANT	6	6%	5	83%	1	17%	0	0%	1225	3%
COMMERCIAL PLANT	41	39%	31	76%	7	17%	3	7%	14608	34%
COOPERATIVE	0	0%	0	0%	0	0%	0	0%	0	0%
TOTAL	105		48	46%	29	28%	28	27%	43166	

ANALYSIS BY TYPE OF PLANT

TYPE OF PLANT	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
AUTHORIZED	37	35%	30	81%	4	11%	3	8%	13356	31%
UNATHORIZED	68	65%	18	26%	25	37%	25	37%	29808	69%
TOTAL	105		48	46%	29	28%	28	27%	43164	

ANALYSIS BY WHERE SAMPLED

WHERE SAMPLED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
BIN	22	21%	10	45%	5	23%	7	32%	7917	18%
DRILL	54	51%	25	46%	14	26%	15	28%	20330	47%
TRUCK	29	28%	13	45%	10	34%	6	21%	14917	35%
TOTAL	105		48	46%	29	28%	28	27%	43164	

SEED TREATMENT

TREATMENT	DUAL PURPOSE	%	FUNGICIDE	%	INSECTICIDE	%	NOT TREATED	%
	9	9%	1	1%	0	0%	95	90%

CLEANING FACILITY RATING BY FARMERS

RATING	GOOD	%	FAIR	%	POOR	%
	68	80%	10	12%	7	8%

WEED PROBLEM RATING

NAME	RATING
WILD OATS	196
GREEN FOXTAIL	181
WILD BUCKWHEAT	33
CANADA THISTLE	21
WILD MUSTARD	14
QUACK GRASS	13
COW COCKLE	6
HAWK'S-BEARD	3
COMMON GROUNDSEL	2
FLIXWEED	2
PIGWEED	2
SHEPHERD'S-PURSE	2
STINKWEED	2

CLEAN SEED SURVEY (85)
AGRICULTURAL REPRESENTATIVE DISTRICT NO.(43)
WATROUS (DIST.43)

NUMBER OF SAMPLES BY GRAIN

GRAIN	BARLEY	CANOLA	DURUM	FLAX	OATS	WHEAT	TOTAL
	9	5	2	1	0	36	53

ANALYSIS BY SOURCE

SOURCE	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
SEED GROWER	10	19%	10	100%	0	0%	0	0%	2674	7%
OTHER FARMER	5	9%	3	60%	0	0%	2	40%	1310	4%
OWN SEED	37	70%	17	46%	14	38%	6	16%	32505	89%
COMMERCIAL	1	2%	1	100%	0	0%	0	0%	12	0%
TOTAL	53		31	58%	14	26%	8	15%	36501	

ANALYSIS BY CLASS

CLASS	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
CERTIFIED	11	21%	11	100%	0	0%	0	0%	2686	7%
FOUNDATION	0	0%	0	0%	0	0%	0	0%	0	0%
REGISTERED	0	0%	0	0%	0	0%	0	0%	0	0%
NON-PEDIGREED	42	79%	20	48%	14	33%	8	19%	33815	93%
TOTAL	53		31	58%	14	26%	8	15%	36501	

ANALYSIS BY WHERE CLEANED

WHERE CLEANED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
ELEVATOR	15	28%	5	33%	6	40%	4	27%	9215	25%
MOBILE PLANT	8	15%	1	13%	6	75%	1	13%	7150	20%
NOT CLEANED	0	0%	0	0%	0	0%	0	0%	0	0%
SELF CLEANED	1	2%	0	0%	0	0%	1	100%	150	0%
FARM PLANT	12	23%	9	75%	1	8%	2	17%	9560	26%
COMMERCIAL PLANT	17	32%	16	94%	1	6%	0	0%	10426	29%
COOPERATIVE	0	0%	0	0%	0	0%	0	0%	0	0%
TOTAL	53		31	58%	14	26%	8	15%	36501	

ANALYSIS BY TYPE OF PLANT

TYPE OF PLANT	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
AUTHORIZED	12	23%	12	100%	0	0%	0	0%	2766	8%
UNAUTHORIZED	41	77%	19	46%	14	34%	8	20%	33735	92%
TOTAL	53		31	58%	14	26%	8	15%	36501	

ANALYSIS BY WHERE SAMPLED

WHERE SAMPLED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
BIN	9	17%	3	33%	5	56%	1	11%	6820	19%
DRILL	30	57%	21	70%	5	17%	4	13%	21641	59%
TRUCK	14	26%	7	50%	4	29%	3	21%	8040	22%
TOTAL	53		31	58%	14	26%	8	15%	36501	

SEED TREATMENT

TREATMENT	DUAL PURPOSE	%	FUNGICIDE	%	INSECTICIDE	%	NOT TREATED	%
	9	17%	3	6%	0	0%	41	77%

CLEANING FACILITY RATING BY FARMERS

RATING	GOOD	%	FAIR	%	POOR	%
	47	94%	3	6%	0	0%

WEED PROBLEM RATING

NAME	RATING
WILD OATS	108
GREEN FOXTAIL	105
CANADA THISTLE	17
WILD BUCKWHEAT	7
SOW-THISTLE	6
STINKWEED	6
COW COCKLE	4
KOCHIA	3
QUACK GRASS	3
RUSSIAN THISTLE	2
WILD MUSTARD	2
FLIXWEED	1
NIGHT FLOWERING CATCHFLY	1
PERSIAN DARNEL	1

CLEAN SEED SURVEY (85)
AGRICULTURAL REPRESENTATIVE DISTRICT NO.(15)
DAVIDSON (DIST.15)

NUMBER OF SAMPLES BY GRAIN

GRAIN	BARLEY	CANOLA	DURUM	FLAX	OATS	WHEAT	TOTAL
	8	2	11	0	2	50	73

ANALYSIS BY SOURCE

SOURCE	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
SEED GROWER	0	0%	0	0%	0	0%	0	0%	0	0%
OTHER FARMER	3	4%	2	67%	1	33%	0	0%	1410	3%
OWN SEED	68	93%	23	34%	23	34%	22	32%	40465	96%
COMMERCIAL	2	3%	2	100%	0	0%	0	0%	63	0%
TOTAL	73		27	37%	24	33%	22	30%	41938	

ANALYSIS BY CLASS

CLASS	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
CERTIFIED	2	3%	2	100%	0	0%	0	0%	63	0%
FOUNDATION	0	0%	0	0%	0	0%	0	0%	0	0%
REGISTERED	0	0%	0	0%	0	0%	0	0%	0	0%
NON-PEDIGREED	71	97%	25	35%	24	34%	22	31%	41875	100%
TOTAL	73		27	37%	24	33%	22	30%	41938	

ANALYSIS BY WHERE CLEANED

WHERE CLEANED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
ELEVATOR	38	52%	9	24%	14	37%	15	39%	18555	44%
MOBILE PLANT	18	25%	7	39%	7	39%	4	22%	15995	38%
NOT CLEANED	2	3%	0	0%	0	0%	2	100%	1000	2%
SELF CLEANED	2	3%	1	50%	1	50%	0	0%	2225	5%
FARM PLANT	9	12%	6	67%	2	22%	1	11%	3100	7%
COMMERCIAL PLANT	4	5%	4	100%	0	0%	0	0%	1063	3%
COOPERATIVE	0	0%	0	0%	0	0%	0	0%	0	0%
TOTAL	73		27	37%	24	33%	22	30%	41938	

ANALYSIS BY TYPE OF PLANT

TYPE OF PLANT	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
AUTHORIZED	3	4%	3	100%	0	0%	0	0%	563	1%
UNATHORIZED	70	96%	24	34%	24	34%	22	31%	41375	99%
TOTAL	73		27	37%	24	33%	22	30%	41938	

ANALYSIS BY WHERE SAMPLED

WHERE SAMPLED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
BIN	15	21%	4	27%	6	40%	5	33%	8510	20%
DRILL	37	51%	17	46%	9	24%	11	30%	21160	50%
TRUCK	21	29%	6	29%	9	43%	6	29%	12268	29%
TOTAL	73		27	37%	24	33%	22	30%	41938	

SEED TREATMENT

TREATMENT	DUAL PURPOSE	%	FUNGICIDE	%	INSECTICIDE	%	NOT TREATED	%
	6	8%	1	1%	0	0%	66	90%

CLEANING FACILITY RATING BY FARMERS

RATING	GOOD	%	FAIR	%	POOR	%
	52	76%	16	24%	0	0%

WEED PROBLEM RATING

NAME	RATING
GREEN FOXTAIL	50
WILD OATS	45
RUSSIAN THISTLE	6
COW COCKLE	5
WILD BUCKWHEAT	4
FLIXWEED	3
KOCHIA	2
PERSIAN DARNEL	1

CLEAN SEED SURVEY (85)
AGRICULTURAL REPRESENTATIVE DISTRICT NO.(40)
ROSETOWN (DIST.40)

NUMBER OF SAMPLES BY GRAIN

GRAIN	BARLEY	CANOLA	DURUM	FLAX	OATS	WHEAT	TOTAL
	4	0	46	1	1	23	75

ANALYSIS BY SOURCE

SOURCE	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
SEED GROWER	2	3%	1	50%	1	50%	0	0%	72	0%
OTHER FARMER	5	7%	5	100%	0	0%	0	0%	2867	5%
OWN SEED	66	88%	42	64%	17	26%	7	11%	59158	95%
COMMERCIAL	2	3%	1	50%	1	50%	0	0%	400	1%
TOTAL	75		49	65%	19	25%	7	9%	62517	

ANALYSIS BY CLASS

CLASS	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
CERTIFIED	5	7%	3	60%	2	40%	0	0%	697	1%
FOUNDATION	0	0%	0	0%	0	0%	0	0%	0	0%
REGISTERED	0	0%	0	0%	0	0%	0	0%	0	0%
NON-PEDIGREED	70	93%	46	66%	17	24%	7	10%	61820	99%
TOTAL	75		49	65%	19	25%	7	9%	62517	

ANALYSIS BY WHERE CLEANED

WHERE CLEANED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
ELEVATOR	27	36%	11	41%	11	41%	5	19%	25312	40%
MOBILE PLANT	2	3%	1	50%	1	50%	0	0%	900	1%
NOT CLEANED	0	0%	0	0%	0	0%	0	0%	0	0%
SELF CLEANED	5	7%	3	60%	2	40%	0	0%	9000	14%
FARM PLANT	4	5%	4	100%	0	0%	0	0%	4850	8%
COMMERCIAL PLANT	37	49%	30	81%	5	14%	2	5%	22455	36%
COOPERATIVE	0	0%	0	0%	0	0%	0	0%	0	0%
TOTAL	75		49	65%	19	25%	7	9%	62517	

ANALYSIS BY TYPE OF PLANT

TYPE OF PLANT	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
AUTHORIZED	21	28%	16	76%	4	19%	1	5%	12612	20%
UNAUTHORIZED	54	72%	33	61%	15	28%	6	11%	49705	80%
TOTAL	75		49	65%	19	25%	7	9%	62317	

ANALYSIS BY WHERE SAMPLED

WHERE SAMPLED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
BIN	2	3%	2	100%	0	0%	0	0%	500	1%
DRILL	71	95%	47	66%	17	24%	7	10%	61717	99%
TRUCK	2	3%	0	0%	2	100%	0	0%	100	1%
TOTAL	75		49	65%	19	25%	7	9%	62317	

SEED TREATMENT

TREATMENT	DUAL PURPOSE	%	FUNGICIDE	%	INSECTICIDE	%	NOT TREATED	%
	8	11%	6	8%	1	1%	60	80%

CLEANING FACILITY RATING BY FARMERS

RATING	GOOD	%	FAIR	%	POOR	%
	67	89%	8	11%	0	0%

WEED PROBLEM RATING

NAME	RATING
WILD OATS	152
COW COCKLE	68
GREEN FOXTAIL	57
FLIXWEED	36
STINKWEED	17
WILD BUCKWHEAT	14
PERSIAN DARNEL	4
PIGWEED	3
WILD MUSTARD	2
FIELD BINDWEED	1
RUSSIAN THISTLE	1

CLEAN SEED SURVEY (85)
AGRICULTURAL REPRESENTATIVE DISTRICT NO.(21)
WATSON (DIST.21)

NUMBER OF SAMPLES BY GRAIN

GRAIN	BARLEY	CANOLA	DURUM	FLAX	OATS	WHEAT	TOTAL
	9	5	1	1	0	54	70

ANALYSIS BY SOURCE

SOURCE	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
SEED GROWER	9	13%	8	89%	1	11%	0	0%	3868	11%
OTHER FARMER	2	3%	1	50%	1	50%	0	0%	970	3%
OWN SEED	58	83%	29	50%	18	31%	11	19%	31128	87%
COMMERCIAL	1	1%	1	100%	0	0%	0	0%	14	0%
TOTAL	70		39	56%	20	29%	11	16%	35980	

ANALYSIS BY CLASS

CLASS	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
CERTIFIED	12	17%	12	100%	0	0%	0	0%	5525	15%
FOUNDATION	3	4%	2	67%	1	33%	0	0%	368	1%
REGISTERED	0	0%	0	0%	0	0%	0	0%	0	0%
NON-PEDIGREED	55	79%	25	45%	19	35%	11	20%	30087	84%
TOTAL	70		39	56%	20	29%	11	16%	35980	

ANALYSIS BY WHERE CLEANED

WHERE CLEANED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
ELEVATOR	22	31%	6	27%	9	41%	7	32%	11462	32%
MOBILE PLANT	13	19%	6	46%	5	38%	2	15%	9575	27%
NOT CLEANED	1	1%	0	0%	0	0%	1	100%	200	1%
SELF CLEANED	5	7%	3	60%	2	40%	0	0%	3000	8%
FARM PLANT	8	11%	7	88%	1	13%	0	0%	4100	11%
COMMERCIAL PLANT	16	23%	14	88%	2	13%	0	0%	5593	16%
COOPERATIVE	5	7%	3	60%	1	20%	1	20%	2050	6%
TOTAL	70		39	56%	20	29%	11	16%	35980	

ANALYSIS BY TYPE OF PLANT

TYPE OF PLANT	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
AUTHORIZED	25	36%	21	84%	3	12%	1	4%	10043	28%
UNATHORIZED	45	64%	18	40%	17	38%	10	22%	25937	72%
TOTAL	70		39	56%	20	29%	11	16%	35980	

ANALYSIS BY WHERE SAMPLED

WHERE SAMPLED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
BIN	6	9%	1	17%	3	50%	2	33%	3850	11%
DRILL	47	67%	30	64%	10	21%	7	15%	25471	71%
TRUCK	17	24%	8	47%	7	41%	2	12%	6659	19%
TOTAL	70		39	56%	20	29%	11	16%	35980	

SEED TREATMENT

TREATMENT	DUAL PURPOSE	%	FUNGICIDE	%	INSECTICIDE	%	NOT TREATED	%
	7	10%	3	4%	0	0%	60	86%

CLEANING FACILITY RATING BY FARMERS

RATING	GOOD	%	FAIR	%	POOR	%
	55	79%	14	20%	1	1%

WEED PROBLEM RATING

NAME	RATING
WILD OATS	154
GREEN FOXTAIL	106
STINKWEED	24
CANADA THISTLE	18
COW COCKLE	7
QUACK GRASS	6
PIGWEED	5
WILD BUCKWHEAT	5
RUSSIAN THISTLE	4
PERSIAN DARNEL	3
WILD MUSTARD	3
COMMON GROUNDSEL	1

CLEAN SEED SURVEY (85)
AGRICULTURAL REPRESENTATIVE DISTRICT NO.(25)
HUDSON BAY (DIST.25)

NUMBER OF SAMPLES BY GRAIN

GRAIN	BARLEY	CANOLA	DURUM	FLAX	OATS	WHEAT	TOTAL
	14	12	0	1	0	8	35

ANALYSIS BY SOURCE

SOURCE	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
SEED GROWER	10	29%	10	100%	0	0%	0	0%	711	10%
OTHER FARMER	5	14%	1	20%	1	20%	3	60%	820	11%
OWN SEED	17	49%	2	12%	7	41%	8	47%	5209	71%
COMMERCIAL	3	9%	3	100%	0	0%	0	0%	606	8%
TOTAL	35		16	46%	8	23%	11	31%	7346	

ANALYSIS BY CLASS

CLASS	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
CERTIFIED	10	29%	10	100%	0	0%	0	0%	1075	15%
FOUNDATION	0	0%	0	0%	0	0%	0	0%	0	0%
REGISTERED	1	3%	1	100%	0	0%	0	0%	112	2%
NON-PEDIGREED	24	69%	5	21%	8	33%	11	46%	6159	84%
TOTAL	35		16	46%	8	23%	11	31%	7346	

ANALYSIS BY WHERE CLEANED

WHERE CLEANED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
ELEVATOR	16	46%	0	0%	8	50%	8	50%	5003	68%
MOBILE PLANT	1	3%	1	100%	0	0%	0	0%	120	2%
NOT CLEANED	2	6%	0	0%	0	0%	2	100%	106	1%
SELF CLEANED	1	3%	0	0%	0	0%	1	100%	100	1%
FARM PLANT	1	3%	1	100%	0	0%	0	0%	112	2%
COMMERCIAL PLANT	14	40%	14	100%	0	0%	0	0%	1905	26%
COOPERATIVE	0	0%	0	0%	0	0%	0	0%	0	0%
TOTAL	35		16	46%	8	23%	11	31%	7346	

ANALYSIS BY TYPE OF PLANT

TYPE OF PLANT	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
AUTHORIZED	12	34%	12	100%	0	0%	0	0%	1247	17%
UNATHORIZED	23	66%	4	17%	8	35%	11	48%	6099	83%
TOTAL	35		16	46%	8	23%	11	31%	7346	

ANALYSIS BY WHERE SAMPLED

WHERE SAMPLED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
BIN	3	9%	0	0%	1	33%	2	67%	406	6%
DRILL	28	80%	16	57%	7	25%	5	18%	5840	79%
TRUCK	4	11%	0	0%	0	0%	4	100%	1100	15%
TOTAL	35		16	46%	8	23%	11	31%	7346	

SEED TREATMENT

TREATMENT	DUAL PURPOSE	%	FUNGICIDE	%	INSECTICIDE	%	NOT TREATED	%
	9	26%	0	0%	1	3%	25	71%

CLEANING FACILITY RATING BY FARMERS

RATING	GOOD	%	FAIR	%	POOR	%
	22	63%	10	29%	3	9%

WEED PROBLEM RATING

NAME	RATING
WILD OATS	60
HEMP-NETTLE	56
CANADA THISTLE	8
STINKWEED	5
WILD BUCKWHEAT	4
WILD MUSTARD	3
CLEAVERS	2
QUACK GRASS	2
BARNYARD GRASS	1
CHICKWEED	1
LADY'S THUMB	1

CLEAN SEED SURVEY (85)
AGRICULTURAL REPRESENTATIVE DISTRICT NO.(30)
UNITY (DIST.30)

NUMBER OF SAMPLES BY GRAIN

GRAIN	BARLEY	CANOLA	DURUM	FLAX	OATS	WHEAT	TOTAL
	6	9	1	1	1	53	71

ANALYSIS BY SOURCE

SOURCE	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
SEED GROWER	9	13%	8	89%	0	0%	1	11%	3080	6%
OTHER FARMER	6	8%	5	83%	1	17%	0	0%	3890	7%
OWN SEED	49	69%	26	53%	8	16%	15	31%	46692	85%
COMMERCIAL	7	10%	7	100%	0	0%	0	0%	1296	2%
TOTAL	71		46	65%	9	13%	16	23%	54958	

ANALYSIS BY CLASS

CLASS	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
CERTIFIED	16	23%	15	94%	0	0%	1	6%	4376	8%
FOUNDATION	0	0%	0	0%	0	0%	0	0%	0	0%
REGISTERED	0	0%	0	0%	0	0%	0	0%	0	0%
NON-PEDIGREED	55	77%	31	56%	9	16%	15	27%	50582	92%
TOTAL	71		46	65%	9	13%	16	23%	54958	

ANALYSIS BY WHERE CLEANED

WHERE CLEANED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
ELEVATOR	23	32%	7	30%	5	22%	11	48%	18402	33%
MOBILE PLANT	2	3%	1	50%	0	0%	1	50%	3750	7%
NOT CLEANED	0	0%	0	0%	0	0%	0	0%	0	0%
SELF CLEANED	6	8%	4	67%	1	17%	1	17%	4530	8%
FARM PLANT	3	4%	3	100%	0	0%	0	0%	3800	7%
COMMERCIAL PLANT	29	41%	26	90%	0	0%	3	10%	14976	27%
COOPERATIVE	8	11%	5	63%	3	38%	0	0%	9500	17%
TOTAL	71		46	65%	9	13%	16	23%	54958	

ANALYSIS BY TYPE OF PLANT

TYPE OF PLANT	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
AUTHORIZED	37	52%	32	86%	3	8%	2	5%	26176	48%
UNATHORIZED	34	48%	14	41%	6	18%	14	41%	28782	52%
TOTAL	71		46	65%	9	13%	16	23%	54958	

ANALYSIS BY WHERE SAMPLED

WHERE SAMPLED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
BIN	2	3%	2	100%	0	0%	0	0%	11	0%
DRILL	66	93%	42	64%	9	14%	15	23%	51447	94%
TRUCK	3	4%	2	67%	0	0%	1	33%	3500	6%
TOTAL	71		46	65%	9	13%	16	23%	54958	

SEED TREATMENT

TREATMENT	DUAL PURPOSE	%	FUNGICIDE	%	INSECTICIDE	%	NOT TREATED	%
	12	17%	3	4%	0	0%	56	79%

CLEANING FACILITY RATING BY FARMERS

RATING	GOOD	%	FAIR	%	POOR	%
	60	85%	10	14%	1	1%

WEED PROBLEM RATING

NAME	RATING
WILD OATS	127
GREEN FOXTAIL	62
STINKWEED	59
WILD BUCKWHEAT	23
PIGWEED	9
COW COCKLE	7
FLIXWEED	6
PERSIAN DARNEL	6
WILD MUSTARD	5
SHEPHERD'S-PURSE	3
DANDELION	2
CANADA THISTLE	1
HEMP-NETTLE	1
QUACK GRASS	1

CLEAN SEED SURVEY (85)
AGRICULTURAL REPRESENTATIVE DISTRICT NO.(38)
TURTLEFORD (DIST.38)

NUMBER OF SAMPLES BY GRAIN

GRAIN	BARLEY	CANOLA	DURUM	FLAX	OATS	WHEAT	TOTAL
	21	16	0	0	3	19	59

ANALYSIS BY SOURCE

SOURCE	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
SEED GROWER	9	15%	8	89%	1	11%	0	0%	999	5%
OTHER FARMER	11	19%	7	64%	1	9%	3	27%	2776	15%
OWN SEED	32	54%	19	59%	5	16%	8	25%	14323	79%
COMMERCIAL	7	12%	7	100%	0	0%	0	0%	93	1%
TOTAL	59		41	69%	7	12%	11	19%	18191	

ANALYSIS BY CLASS

CLASS	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
CERTIFIED	16	27%	15	94%	1	6%	0	0%	1032	6%
FOUNDATION	0	0%	0	0%	0	0%	0	0%	0	0%
REGISTERED	0	0%	0	0%	0	0%	0	0%	0	0%
NON-PEDIGREED	43	73%	26	60%	6	14%	11	26%	17159	94%
TOTAL	59		41	69%	7	12%	11	19%	18191	

ANALYSIS BY WHERE CLEANED

WHERE CLEANED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
ELEVATOR	16	27%	6	38%	4	25%	6	38%	6133	34%
MOBILE PLANT	1	2%	1	100%	0	0%	0	0%	2000	11%
NOT CLEANED	1	2%	0	0%	0	0%	1	100%	75	0%
SELF CLEANED	9	15%	6	67%	2	22%	1	11%	4700	26%
FARM PLANT	0	0%	0	0%	0	0%	0	0%	0	0%
COMMERCIAL PLANT	19	32%	18	95%	1	5%	0	0%	2268	12%
COOPERATIVE	13	22%	10	77%	0	0%	3	23%	3015	17%
TOTAL	59		41	69%	7	12%	11	19%	18191	

ANALYSIS BY TYPE OF PLANT

TYPE OF PLANT	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
AUTHORIZED	30	51%	26	87%	1	3%	3	10%	4893	27%
UNATHORIZED	29	49%	15	52%	6	21%	8	28%	13298	73%
TOTAL	59		41	69%	7	12%	11	19%	18191	

ANALYSIS BY WHERE SAMPLED

WHERE SAMPLED	SAMPLES	%	CAN.NO.1	%	CAN.NO.2	%	REJECT	%	BUSHELS	%
BIN	11	19%	9	73%	2	18%	1	9%	2450	13%
DRILL	43	73%	30	70%	5	12%	8	19%	14641	80%
TRUCK	5	8%	3	60%	0	0%	2	40%	1100	6%
TOTAL	59		41	69%	7	12%	11	19%	18191	

SEED TREATMENT

TREATMENT	DUAL PURPOSE	%	FUNGICIDE	%	INSECTICIDE	%	NOT TREATED	%
	20	34%	3	5%	0	0%	36	61%

CLEANING FACILITY RATING BY FARMERS

RATING	GOOD	%	FAIR	%	POOR	%
	47	82%	9	16%	1	2%

WEED PROBLEM RATING

NAME	RATING
WILD OATS	89
WILD BUCKWHEAT	34
GREEN FOXTAIL	24
STINKWEED	23
CANADA THISTLE	22
QUACK GRASS	19
PIGWEED	15
CORN SPURRY	14
SOW-THISTLE	9
CHICKWEED	7
FIELD BINDWEED	2
HEMP-NETTLE	2
SHEPHERD'S-PURSE	2
COW COCKLE	1